[FOOD SURFACE SANITATION HOOD]

Abstract of Disclosure

This invention is a modular, adjustable, easy to maintain, portable food sanitation hood system, comprising a hooded means for subjecting food to sanitizers including UV light, ozone and hydroxyl radicals, and a method for using the system. The means for subjecting food to the sanitizers includes one or more UV radiation sources and one or more target rods for UV radiation located under a hood. The UV radiation sources are preferably low-vapor mercury UV light sources that emit UV light of approximately 185 to 254 nm. The hood preferably includes an adjustable light curtain to at least partially reduce radiation emitted away from the food. The target rods comprise up to approximately up to 0-30% titanium dioxide, up to 0-30% silver and up to 0-30% copper, by weight. The system may include a mister for adding mist in proximity to the food for efficient sanitization.

Figures